NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 04/27/0 lare: A. Tapproved by the Draftsperson under 37 CFR 1.84 or 1.152. B. D objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice. 8. ARRANGEMENT OF VIEWS: 37 CFR 1.84(i) 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Words do not appear on a horizontal, left-to-right fashion Black ink. Color. when page is either upright or turned so that the top Color drawings are not acceptable until petiton is granted. becomes the right side, except for graphs. Fig(s)_ Fig(s) 9. SCALE 37 CFR 1.84(k) Scale not large enough to show mechanism without Pencil and non black ink not permitted. Fig(s) 2. PHOTOGRAPHS. 37 CFR 1.84(b) crowding when drawing is reduced in size to two-thirds in 1 full-tone set is required. Fig(s) reproduction. . Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s)

3. TYPE OF PAPER, 37 CFR 1.84(c) 10. CHARACTER OF LINES, NUMBERS, & LETTERS. Fig(s) 10. CHARACTER OF LINES, NUMBERS, & LETTERS.

37 CFR 1.84(i)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).

Fig(s)

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) Paper not flexible, strong, white, and durable. Fig(s)_ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
21.0 cm by 29.7 cm (DIN size A4)
21.6 cm by 27.9 cm (8 1/2 x 11 inches) Solid black shading not permitted. Fig(s) Solid black shading not permitted. Fig(s)

Shade lines, pale, rough and blurred Fig(s)

NUMBERS, LETTERS, & REFERENCE CHARACTERS. All drawing sheets not the same size. 37 CFR 1.84(p) Sheet(s)

Drawings sheets not an acceptable size. Fig(s) Numbers and reference characters not plain and legible. Fig(s)
Figure legends are poor. Fig(s)
Numbers and reference characters not oriented in the 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm same direction as the view. 37 CFR 1.84(p)(1) SIZE: A4 Size
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Fig(s)_ English alphabet not used 37 GFR 1.84(p)(2) Margins not acceptable. Fig(s) Figs. 1 And Articles and reference characters must be at least 12 And 12 Left (L) Top (T) Right (R) Bottom (B) 6. VIEWS. 37 CFR 1.84(h) Lead lines cross each other. Fig(s)
Lead lines missing. Fig(s)
Lad NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s)
15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Fig(s) ______ Views not labeled separately or properly. Views not numbered consecutively, and in Arabic numerals, Fig(s) beginning with number 1. Fig(s) Enlarged view not labeled separetely or properly. 16. CORRECTIONS. 37 CFR 1.84(w) Fig(s) Corrections not made from prior PTO-948 dated

17. DESIGN DRAWINGS. 37 CFR 1.152 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. ____ Surface shading shown not appropriate. Fig(s) Solid black shading not used for color contrast. Sectional designation should be noted with Arabic or Fig(s) Roman numbers. Fig(s)__

REVIEWER	<u>Draftsman: Son Lam</u> (703)308-0366	DATE 04/08/02	TELEPHONE NO.
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COMMENTS

ATTACHMENT TO PAPER NO. _